

Original/Duplicate/Triplicate CONTRACT CERTIFICATE

No. First & Final Bill

(For Other Works)

Date.....2017

Division: **BBMP, Dasarahalli**

Sub-Division: **BBMP, Shettyhalli**

Bill Received No.

Dated

Divisional

Cash Book Voucher No..... Dated.....

Sub Divisional

Work Code: 013-17-000020

Schedule Docket No.

Head of Account: **P1771**

Est.Cost: 10.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: **Construction of Anganavadi at near Mallikarjuna Temple in Ward No. 13 in Shettyhalli Sub Division.**

Name of Contractor and Full Address: **Sri.Venkateshappa, Contractor, # 530, Kaliyamma Temple Road, Kuvempunagara 2nd Stage, Bangalore - 560 013.**

Reference to Agreement No. **EE/DD/BBMP/ WO/142/2016-17**

Date: **24.03.2017**

Certified that the measurements were taken by me on 24/10/2017 and recorded of Pages 59901 to 59928 of measurement Book No. 600/17-18 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 24/10/2017 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) " " Balance
- 4) Deduct Payment:
 - a. Amount of previous payment as in the Office Cash Book Voucher

No.....Dated.....S.D. No.....Amount

adjusted towards cash advance recovery of
 - b. Payments } cost store or other material supplied.
Now made } recovery of amount creditable to this/other work
Amount paid on this bill Cheque / Cash.
- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No.....dated.....less adjustments.
- 7) Net amount due to or from Contractor unadjustments items.
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

- 1.
- 2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp	
Audited and admitted for Rs. 954983	
Passed by Cheque for Rs. 921990	
by adj. 32993	
Executive Engineer	
Accounts Superintendent	
B.B.M.P. Dasarahalli Division	

Sl. No.		Unit
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum
2	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation , including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
4	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 , stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
5	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications	Sqm
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggretes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills , ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
7	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications	Cum
8	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	cum
9	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications	Sqm
10	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.05175cum and fine aggretes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications.	Sqm
11	Providing and laying ce ment concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)	Cum
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm
13	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications.	Sqm
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifacaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.	Sqm
15	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500	Tonne
16	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	6.40	161.95	1036.00	6.40	1036.00	
-	-	33.30	194.96	6492.00	33.30	6492.00	
-	-	4.86	5020.35	24399.00	4.86	24399.00	
-	-	25.31	4318.92	109312.00	25.31	109312.00	
-	-	13.50	100.06	1351.00	13.50	1351.00	
-	-	12.12	5612.44	68023.00	12.12	68023.00	
-	-	23.10	131.00	3026.00	23.10	3026.00	
-	-	6.40	77.17	494.00	6.40	494.00	
-	-	134.44	857.18	115239.00	134.44	115239.00	
-	-	10.37	470.37	4878.00	10.37	4878.00	
-	-	8.81	6064.24	53426.00	8.81	53426.00	
-	-	73.74	264.07	19473.00	73.74	19473.00	
-	-	10.37	278.51	2888.00	10.37	2888.00	
-	-	70.20	567.33	39827.00	70.20	39827.00	
-	-	1.57	57816.02	90771.00	1.57	90771.00	
-	-	9.77	3610.28	35272.00	9.77	35272.00	

Sl. No.		Unit
17	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner	Sqm
18	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed	Sqm
19	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
20	Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
21	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
22	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.	Sqm
23	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm	Sqm
24	Providing and applying putty for filling holes	Sqm
25	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm
26	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm
27	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm
28	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick	Sqm
29	Providing skirting, dado, rises of steps with marble slabs not exceeding 30 cms. height on 10 cms. thick cement mortar 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered which should be measured and paid separately) using marble slab with machine cut edges upto 25cms. thick including cost of materials, labour, complete as per specifications.	Sqm
30	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 15mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	m
31	Making connection of G.I distribution branch with G.I main of 25 to 40mm. nominal bore, including cutting and threading the pipes, providing and fixing Tee, nuts, labour for all item of works, testing and HOM of equipments complete as per specifications.	Nos
32	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	pan
33	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each
34	Providing and fixing CI Nahani trap-of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		9.90	4836.74	47884.00	9.90	47884.00	
-	-	51.84	932.48	48340.00	51.84	48340.00	
-	-	126.72	170.20	21568.00	126.72	21568.00	
-	-	141.62	154.73	21913.00	141.62	21913.00	
-	-	45.93	199.08	9144.00	45.93	9144.00	
-	-	187.55	25.79	4837.00	187.55	4837.00	
-	-	37.40	2373.50	88769.00	37.40	88769.00	
-	-	93.77	76.41	7165.00	93.77	7165.00	
-	-	187.55	73.24	13736.00	187.55	13736.00	
-	-	126.72	86.65	10980.00	126.72	10980.00	
-	-	39.33	86.65	3408.00	39.33	3408.00	
-	-	39.33	1105.78	43490.00	39.33	43490.00	
		6.08	3372.00	20502.00	6.08	20502.00	
-	-	12.00	314.61	3775.00	12.00	3775.00	
		5.00	372.37	1862.00	5.00	1862.00	
-	-	1.00	1319.30	1319.00	1.00	1319.00	
-	-	1.00	618.90	619.00	1.00	619.00	
-	-	2.00	257.88	516.00	2.00	516.00	

Sl. No.		Unit
35	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges. HOM of equipments and testing complete as per specifications. (For 1000	Nos
36	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 25mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	m
37	Providing and fixing rain down water pipe of 90mm outer dia of 2.5 Kg/sqcm pressure pipes of HDPE rain water	M
38	Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using Copper PVC insulated multi strand 2x1.5sqmm copper wire without switch , the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.	Mts
39	Supplying 6A flush/protected type socket and a 6 amps flush/ projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required	Each
40	Supply and fixing of Bakelite D.P/Socket/ switch with/without neon indicator over existing wood board or flush mounting in plastic plates/niches as per IS 1293 and IS 3854 GROUP A 16Amps Flush type SP switch	Each
41	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws.	
42	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable conforming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch	
43	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Each
44	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Each
45	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 4 sqmm	
46	10 sqmm	M
47	Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 19/20mm dia 2mm thick	
48	25mm dia 2mm thick	M
49	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of primer of approved make etc. 100x75x65mm	
50	180x90x65mm	Each
51	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete 12"x12"x3" (300x300x76mm)	
52	10"x7"x3" (254x178x76mm)	Each
53	Supplying patti type fluorescent tube light fitting of 4' -suitable for 28 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp. Group A	Each
54	Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 1990 2.5 Sqmm	M
55	Supplying and fixing HRC fuse units base on existing switch/panel board.	Each
56	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 52Amps	Each
57	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 50 mm	M
58	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6 mm	M
59	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. A0 on Wall / ceiling	Each
	Total	

Certificate:

1. The above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1.00	8733.78	8734.00	1.00	8734.00	
-	-	15.00	275.41	4131.00	15.00	4131.00	
-	-	8.00	123.78	990.00	8.00	990.00	
-	-	12.00	210.12	2521.00	12.00	2521.00	
-	-	10.00	85.96	860.00	10.00	860.00	
-	-	9.00	90.73	817.00	9.00	817.00	
-	-	1800.00	0.19	342.00	1800.00	342.00	
-	-	6.00	133.71	802.00	6.00	802.00	
-	-	3.00	210.12	630.00	3.00	630.00	
-	-	2.00	310.41	621.00	2.00	621.00	
-	-	25.00	28.65	716.00	25.00	716.00	
-	-	10.00	81.18	812.00	10.00	812.00	
-	-	25.00	30.56	764.00	25.00	764.00	
-	-	10.00	41.07	411.00	10.00	411.00	
-	-	4.00	68.77	275.00	4.00	275.00	
-	-	2.00	107.93	216.00	2.00	216.00	
-	-	1.00	85.96	86.00	1.00	86.00	
-	-	2.00	57.31	115.00	2.00	115.00	
-	-	3.00	907.35	2722.00	3.00	2722.00	
-	-	12.00	20.06	241.00	12.00	241.00	
-	-	2.00	401.14	802.00	2.00	802.00	
-	-	1.00	515.75	516.00	1.00	516.00	
-	-	2.00	248.33	497.00	2.00	497.00	
-	-	2.00	200.57	401.00	2.00	401.00	
-	-	3.00	81.18	244.00	3.00	244.00	
				954983.00		954983.00	

Limited as per work order
954983.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಕಛೇರಿ
ಬೆಂಗಳೂರು ಉಪನಗರ, ವಾಸುಕಿಬೆಟ್ಟ ಬಳಿಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು